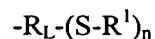


ABSTRACT OF THE DISCLOSURE

A polyurethane having a thiol substituent pendant from at least one nitrogen and/or at least one carbon atom of the polyurethane.

A polyurethane having a thiol substituent pendant from at least one nitrogen and/or at least one carbon atom of the polyurethane, wherein the thiol substituent has a formula:



wherein n is an integer from 1 to 3; R_L is an (n+1)-valent organic radical having at least one carbon atom; and R^1 is a member selected from the group consisting of H, $C(O)R^3$, and SR^4 , wherein R^3 is a member selected from the group consisting of C_1 to C_6 alkyl and R^4 is a heterocyclic group or an electron deficient aromatic group.